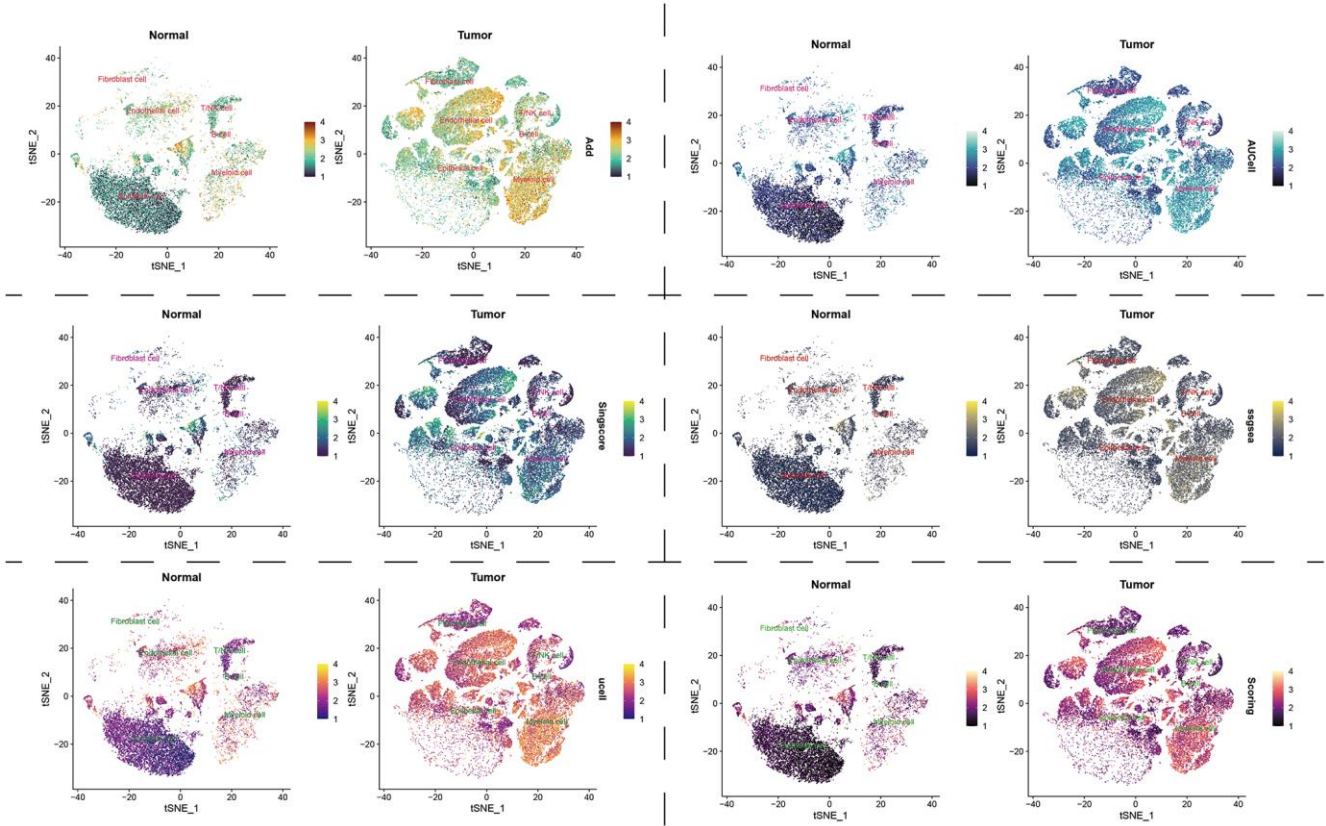
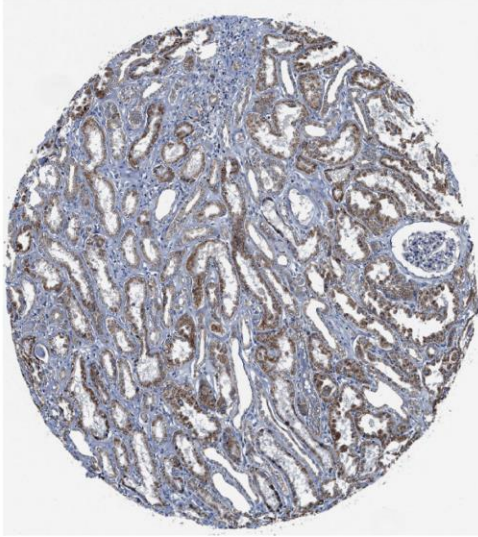


## SUPPLEMENTARY FIGURES

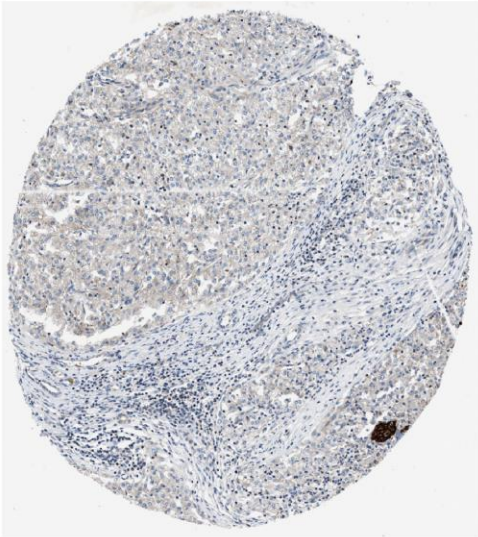
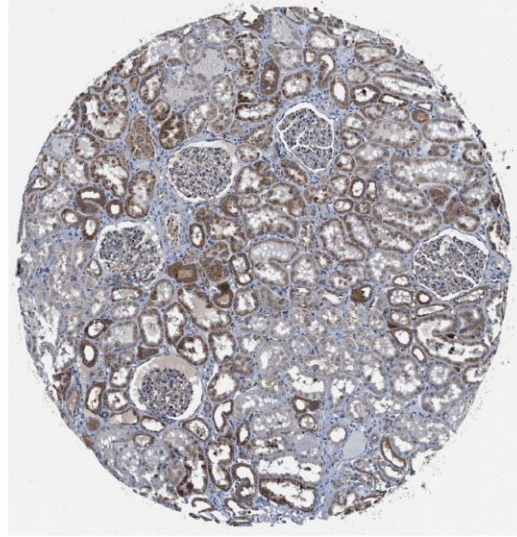


**Supplementary Figure 1. LDCD signal characteristics of cancer tissue and normal tissue at single-cell resolution (predicted by Add, AUCell, UCell, ssgsea, singscore, and scoring algorithms). Abbreviation: LDCD: Lysosomal-dependent cell death.**

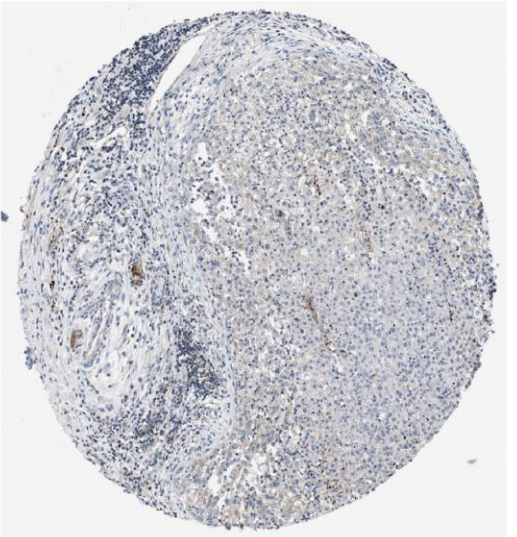
Normal kidney 1



Normal kidney 2



Kidney cancer 1



Kidney cancer 2

Supplementary Figure 2. Immunohistochemical results of PHLPP1.